

SECTION VI.—BIBLIOGRAPHY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following books have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological and seismological work and studies:

- Abbot, Charles G[reeley], & Aldrich, Loyal Blaine.**
On the use of the pyranometer. Washington. 1916. 9 p. 24 $\frac{1}{2}$ cm. (Smithsonian miscellaneous collections, v. 66, no. 11.)
- Bigourdan, Guillaume.**
Le climat de la France.—Température, pression, vents. Paris. 1916. 135 p. 23 cm.
- Canada. Meteorological service.**
Report for the year ended December 31, 1913. Ottawa. 1916. xv, 605 p. 4 pl. 29 cm.
- Coimbra. Observatório meteorológico.**
Observações, 1915, v. 54. Coimbra. 1916. ix, 165 p. 39 cm.
- Colamonico, Carmelo.**
La pioggia nella Campania. Firenze. 1915. 180 p. 2 pl. 24 cm. (Memorie geografiche, 1915, n. 27.)
- Colombo observatory.**
Report of Colombo observatory and the meteorology of Ceylon, 1915. [Colombo. 1916.] 41 p. 8 charts. 33 $\frac{1}{2}$ cm.
- Hall, Maxwell.**
Report on the hurricane in Jamaica, August 15th and 16th, 1916. Jamaica. 1916. 10 p. 3 pl. 33 $\frac{1}{2}$ cm.
- Japan. Central meteorological observatory.**
Annual report: Meteorological observations in Japan for the year 1915. Tōkyō. 1916. 391 p. map. 30 cm.
- Jefferson, Mark.**
Teachers' geography. Man and climate. Ypsilanti, Mich. 1916. 2 p.l., 77,[3]p. illus. (incl. maps), diagrs. 27 cm.
- Mackay, A. H.**
The phenology of Nova Scotia, 1915. (In Nova Scotia institute of science. Proc. & trans. Halifax. v. 14, pt. 2, sess. 1915-1916, p. 133-140.)
- Navarro Neumann, Emm. M^a. S.**
Essais géophysiques. Travail produit par un tremblement de terre. Modena. 1915. 15 p. 24 $\frac{1}{2}$ cm.
- Palmer, George T., Coleman, Laurence V., & Ward, Harry C.**
A study of methods for determining air dustiness. p. 1049-1075. 25 cm. (Reprinted from American journal of public health, Boston, v. 6, no. 10.) [Investigation conducted under joint direction of the New York State commission on ventilation, the American museum of natural history, and the American museum of safety, 1915-1916.]
- Sutton, J. R.**
A note on the temperatures of the air observed at Mochudi. p. 163-167. 25 $\frac{1}{2}$ cm. (From Transactions, Royal society of South Africa, v. 4, pt. 3, 1915.)
- Toronto observatory.**
Results of meteorological, magnetical, and seismological observations, 1915. Toronto. 1916. 37, [10] p. 19 $\frac{1}{2}$ cm.

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the

Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

- American society of civil engineers. Proceedings. New York.** v. 42. November, 1916.
- Binckley, George S., & Lee, Charles H.** Suggested changes and extension of the United States Weather Bureau service in California. Discussion by J. B. Lippincott. p. 1407-1411.
- Duryea, Edwin, Jr., & Haehl, H. L.** A study of the depth of annual evaporation from Lake Conchos, Mexico. Discussion by Edwin Duryea, jr., and H. L. Haehl. p. 1413-1474.
- Engineering news. New York.** v. 76. 1916.
- Southern rains and floods of July, 1916, exhibited.** p. 886-887. (Nov. 9.) [Abstract of paper by A. J. Henry.]
- Chittenden, H. M.** The battle over the Miami flood-prevention plans. p. 906-910. (Nov. 9.)
- Hoff, E. J.** Sensitive water-level recorder. p. 974-975. (Nov. 23.)
- Nature. London.** v. 98. November 16, 1916.
- Shaw, Napier.** Prof. Henrik Mohn. p. 211-212.
- Meteorology in war.** p. 216-217.
- Science. New York.** v. 44. November 17, 1916.
- Greely, A[dolphus] W[ashington].** Cleveland Abbe. p. 703-704.
- Trowbridge, C[harles] C.** The focus of the auroral streamers on August 25, 1916. p. 717-722.
- Scientific American. New York.** v. 115. 1916.
- Oil will not dissipate fog.** p. 418. (Nov. 4.)
- Professor Cleveland Abbe, 1833-1916.** p. 437. (Nov. 11.) [Obituary.]
- Scottish geographical magazine. Edinburgh.** v. 32. November, 1916.
- Chisholm, George G.** Generalisations in geography, especially in human geography. p. 507-519. [Discusses reduction of temperature to sea level, p. 508-510; comments unfavorably on isothermal charts involving such reduction.]
- Terrestrial magnetism and atmospheric electricity. Baltimore.** v. 21. September, 1916.
- Knoche, W[alter A.] & Laub, J.** Meteorologische und luftelektrische Messungen während der totalen Sonnenfinsternis am 10. Oktober 1912 auf der Facenda Boa Vista bei Christina, Brasilien. I.—Meteorologische Beobachtungen. p. 117-144.
- Symons's meteorological magazine. London.** v. 51. October, 1916.
- Professor Henrik Mohn.** Bergen, 15th May, 1833-Kristiania, 15th September, 1916. p. 130. [Obituary.]
- Edward Mawley.** 1842-Berkhamsted, 15th September, 1916. p. 131. [Obituary.]
- Académie des sciences. Comptes rendus. Paris.** Tome 163. 1916.
- Perot, A.** Influence du vent sur les conditions d'audition du son. p. 272-273. (11 sept.)
- Bigourdan, Guillaume.** Sur la propagation à grande distance du bruit de la canonnade du front. p. 323-324. (2 oct.)
- Garrigou-Lagrange, P.** L'action luni-solaire et la température. p. 334-335. (2 oct.)
- Vegard, L., & Krognes, O.** Résultats d'observations d'aurores boréales exécutées à l'observatoire de Haldde. p. 442-446. (23 oct.)
- Annalen der Hydrographie und maritimen Meteorologie. Hamburg.** 44. Jahrgang. II. 8. 1916.
- Sverdrup, H. U.** Druckgradient, Wind und Reibung an der Erdoberfläche. p. 413-427.
- Hackenbroich, Anton.** Die unperiodischen Schwankungen des Luftdrucks und Regens im Tropengebiet des Atlantischen Ozeans. p. 427-441.
- Schuster, F.** Die Verschiebung des synodischen Luftdrucksystems unter dem Einfluss der 18.6-jährigen Mondperiode. p. 442-444.